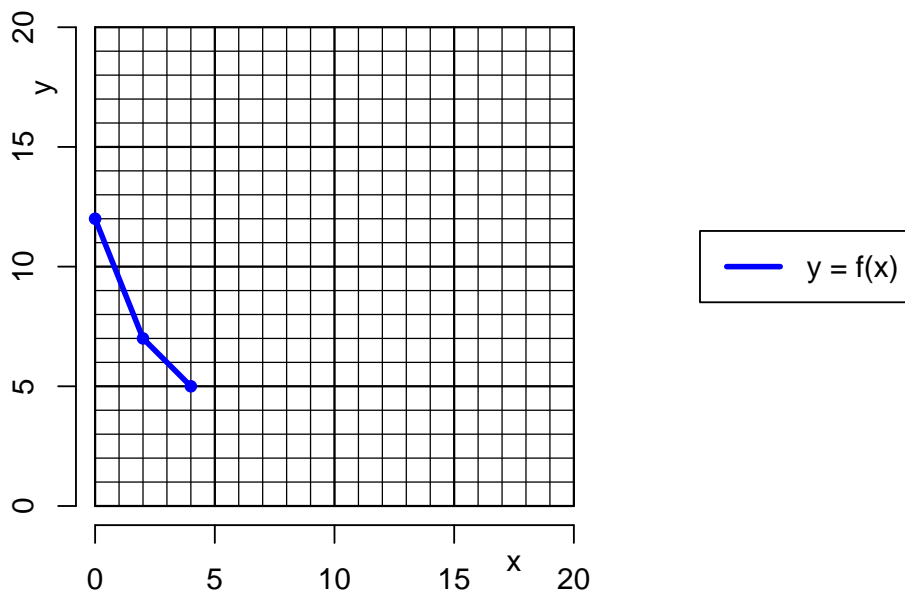# PCW_09_18 Find new points after transformation (version 13)

Question 1

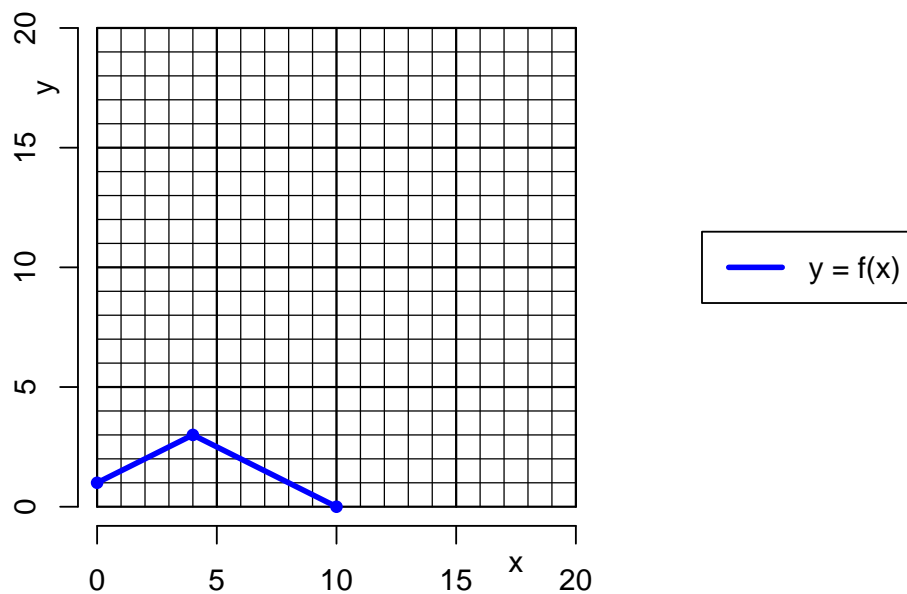Curve $y = f(x)$ contains points $(0, 12)$ and $(2, 7)$ and $(4, 5)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 2\left(f\left[\frac{x}{3} - 2\right] - 5\right)$$

Question 2

Curve $y = f(x)$ contains points $(0, 1)$ and $(4, 3)$ and $(10, 0)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 3\left(f[2x - 2] + 3\right)$$